

Version with Markings to Show Changes Made

1. (Amended) A compression sleeve at least a portion of which is made of a first and a second sheet of a flexible fluid-impervious material, each having distal and proximal end edges and two lateral edges extending therebetween;

the sheets being sealingly connected one to the other by a plurality of longitudinal connection lines directed transversely to said lateral edges and by lateral connection lines extending along said lateral edges,

thereby forming a plurality of longitudinal pressure cells each defined between a pair of connection lines and first and second strip regions of the respective first and second sheets,

a width of the second strip region between said pair of connection lines, at least in the majority of the cells, being greater than that of the first strip region,

to form pleats along the longitudinal connection lines, which are kept in their pleated states by said lateral connection lines, the first or second strip region of each pressure cell having a fluid opening to enable direct inflation of the cell,

said pressure cells being at least indirectly inflatable and, when inflated to exert pressure on a body,

having said second strip region of one cell overlapping the second strip region of an immediately adjacent neighboring cell.

5. (Amended) A compression sleeve according to claim 31, wherein each pleat, when deflated, overlaps the second strip regions of an immediately adjacent neighboring cell to 25% to 35% of the width thereof.

6. (Amended) A compression sleeve according to Claim 31, wherein the pleats are oriented in the direction towards the proximal end edge of the sheets.